

**CLAIM AMENDMENTS**

Claims 1, 3, 5, 6, 9 and 10 are pending. Claims 1 and 6 are amended herein, and claims 2, 4, 7, 8, 11 and 12 are canceled.

1           1. (Currently Amended) An apparatus for controlling a program information display on an  
2 electronic program guide (EPG) screen, comprising:

3           a demultiplexer demultiplexing a received transport stream, and extracting service description  
4 table (SDT) information and event information table (EIT) information from the demultiplexed data;

5           a program information length detector detecting length of the program information from the  
6 service description table (SDT) information and the event information table (EIT) information  
7 extracted from the demultiplexer; and

8           a display controller ~~processing~~ dividing the program information into displayable length units  
9 ~~if to be displayed on an electronic program guide (EPG) by corresponding to the length of the~~  
10 ~~detected~~ program information detected from the program information length detector cannot be  
11 displayed in an electronic program guide (EPG) region of a video display device, and transmitting  
12 the program information to ~~[[a]]~~ the video display device to be sequentially displayed on the EPG  
13 region of the video display device.

1           2. (Canceled)

1           3. (Original) The apparatus of claim 1, wherein the program information length detector  
2 comprises:

an service description table (SDT) input unit inputting the service description table (SDT) information transmitted from the demultiplexer;

a service ID searcher searching a service ID of a current transport stream by using the PID (0x11) and SDT Actual table ID (0x42) of the service description table (SDT) information inputted through the service description table (SDT) input unit;

a table parsing unit parsing a table of a selected service with the service ID searched in the service ID searcher, and extracting a service descriptor; and

a service name length extractor analyzing the service descriptor extracted from the table parsing unit, and extracting length of the service name.

#### 4. (Canceled)

5. (Original) The apparatus of claim 1, wherein the program information length detector comprises:

an EIT input unit inputting the event information table (EIT) information transmitted from the demultiplexer;

a service ID searcher searching an event ID in the event information table (EIT) information inputted through the EIT input unit;

a table parsing unit parsing event information table (EIT) like the PID (0x12) and the Table ID (0x4E, 0x50 ~ 0x5F) of EIT present and following actual or EIT schedule actual with the event ID searched in the service ID searcher, and extracting the short\_event\_descriptor (0x4D) of the corresponding event; and

11 an event name length extractor analyzing the short\_event\_descriptor (0x4D) extracted from  
12 the table parsing unit, and extracting length of an event name.

1 6. (Currently Amended) A method for controlling a program information display on an  
2 electronic program guide screen, the method comprising:

3 a first step of demultiplexing a received transport stream, extracting service description table  
4 (SDT) information and event information table (EIT) information from the demultiplexed data, and  
5 detecting length of program information from the extracted SDT information and the EIT  
6 information;

7 a second step of confirming whether it is possible to display the length of the detected  
8 program information in a restricted region, when the program information is requested to be  
9 displayed within a table cell is displayable in an electronic program guide (EPG) region of a video  
10 display device; and

11 a third step of dividing and storing the program information into displayable length [[units]]  
12 buffers, respectively, if the length of the detected program information cannot be displayed in the  
13 restricted region after confirming, and displaying the divided program information EPG region of  
14 the video display device, and transmitting the program information to the video display device to be  
15 sequentially displayed on the EPG region of the video display device.

1 7. (Canceled)

1 8. (Canceled)

1           9. (Original) A method for controlling a program information display on an electronic  
2 program guide screen, the method comprising:

3           a first step of demultiplexing a received transport stream, extracting service description table  
4 (SDT) information and event information table (EIT) information from the demultiplexed data, and  
5 detecting length of program information from the extracted SDT information and the EIT  
6 information;

7           a second step of confirming whether it is possible to display the length of the detected  
8 program information in a restricted region, when the program information is requested to be  
9 displayed within a table cell;

10          a third step of creating a display range window of displayable length, if the length of the  
11 detected program information cannot be displayed in the restricted region after a confirmed result  
12 in the second step; and

13          a fourth step of displaying the program information as moving the display range window  
14 created in the third step.

1           10. (Original) The method of claim 9, wherein the fourth step comprises the sub-steps of:  
2 displaying a part to be shown with the display range window from a first position of the table  
3 cell;

4           checking whether the display range window displays all the program information to the end,  
5 and completing a display operation if all the program information is displayed; and

6           displaying the program information by moving a program information display window at

7 regular intervals, if program information to be displayed still remains after a checked result.

1 11. (Canceled)

1 12. (Canceled)